




## 0-10W 120~350mA DC Phase-cut Constant Current LED Driver

 **Read the technical data before installing this product. Observe the general safety instructions. Failure to follow the instructions may result in damage to the unit, fire or other hazards. Use this product only in dry areas.**

Input	Efficiency	70%@230VAC, Full load	
	Voltage	220VAC-240VAC	
Output	Frequency	50/60Hz	
	Power Factor	0.87@230VAC, Full load	
	Current	0.08Amax@230VAC	
	Inrush Current	Cold start, 30A@230VAC	
Output	Current/Voltage/Power	120mA/9-42VDC/5.04W	150mA/9-42VDC/6.3W
		*250mA/9-40VDC/10W	*300mA/9-33VDC/9.99W
	Ripple Current	180mA/9-42VDC/7.56W	210mA/9-42VDC/8.82W
		320mA/9-31VDC/9.92W	350mA/9-28VDC/9.8W
Protection	Channel	<3%	
	Current Tolerance	1	
	No Load Output Voltage	±5%	
	Turn On Delay Time	50V Max	
Safety & EMC	Over Voltage	Hiccups, self recovery after removing faults	
	Over Load	Hiccups, self recovery after removing faults	
	Short Circuit	Shut down the output automatically recovers after faulty condition is removed.	
Function	Surge	L-N:0.5kV;	
	Withstand Voltage	I/P-O/P: 3000VAC/1min/5mA	
	Safety standards	EN61347-2-13	
	EMC Eission	EN55015	
Others	EMC Immunity	EN61000-3-3 EN61000-4-3 EN61000-4-4 EN61000-4-5	
	Dimming type	TRIAC	
	Dimming range	3%-100%	
	Working Temp.	-20°C-50°C	
Others	Storage Temp.; Humidity	-40°C-85°C, 20-90%RH	
	Tc	90°C	
	Material	PC	
	IP Rating	IP20	
	Lifetime	50,000h@tc:85°C	
	Warranty Condition	5 years	
	Switch Cycle	>25,000 times	
Dimension	75*35*26.5mm(L*W*H)		

\*Tolerance: 250mA 1-7%; 300mA -6-0%;



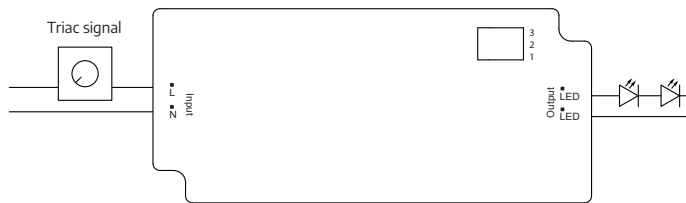
**3 Year Warranty**

Schiefer Lighting | [www.spl-lighting.com](http://www.spl-lighting.com)

## 0-10W 120~350mA DC Phase-cut Constant Current LED Driver

**⚠ Read the technical data before installing this product. Observe the general safety instructions. Failure to follow the instructions may result in damage to the unit, fire or other hazards. Use this product only in dry areas.**

### Wiring Diagram



### Current Selection

605100100 is a multi-current dimming driver, output current level selectable by DIP Switch :

<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ON	OFF	120mA	150mA	180mA	210mA	250mA	300mA	320mA	350mA								
		9-42V	9-42V	9-42V	9-42V	9-40V	9-33V	9-31V	9-28V								

### Cautions

1. This product should only be installed by qualified personnel.
2. This product is not waterproof and must be kept away from exposure to sun and rain. If outdoor use is required, ensure it is mounted within a waterproof enclosure.
3. Proper heat dissipation is essential for extending the product's lifespan. Please install the product in a well-ventilated environment.
4. Ensure that the LED power supply's output voltage and current meet the product's requirements.
5. Use adequately sized cables to connect the controller to the LED lights, ensuring they can handle the current. Additionally, secure the cables firmly within the connector.
6. For safety reasons, use PVC or rubber cords of 0.75-2.5mm<sup>2</sup> for input and output terminals (excluding signal terminals). Flat power cords are unsuitable. Ensure all wire connections and polarities are correct before applying power to prevent damage to the LED lights.
7. In case of malfunction, do not attempt to repair the product yourself.